

Appl No.: 10/811,595

Atty. Dkt.
PC-1696

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended). A tent enclosure for protection of inhabitants inside of the tent enclosure against biological and chemical airborne agents and nuclear fallout, and for filtering out contaminated air from exiting the structure, comprising:

a collapsible frame;

a flexible and foldable sheet material having walls and a floor that is supported by the frame, the sheet material being impervious to biological and chemical airborne agents, wherein the frame and sheet material form the enclosure having dimensions large enough to protect and seal occupants from the biological and chemical airborne agents and nuclear fallout; and

a first multi-stage air filter system directly connected to the enclosure that includes:

a blower for blowing air into the enclosure and for providing positive pressure inside the enclosure;

a first filter for absorbing substantially all odors entering the enclosure;

a second filter for capturing substantially all radioactive sized particles from entering the enclosure; and

a third filter for killing microbes from entering the enclosure, the third filter includes an UV(ultraviolet) light source for killing the microbes, wherein the first multi-stage air filter system cleans contaminated air from entering into the enclosure; and

a second multi-stage air filter system directly connected to the enclosure that includes:

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an output exhaust blower for forming a negative pressure inside the enclosure, and for filtering out contaminated air;
a fourth filter for absorbing substantially all odors exiting the enclosure;
a fifth filter for capturing substantially all radioactive sized particles from exiting the enclosure; and
a sixth filter for killing microbes from exiting the enclosure, the sixth filter includes a UV(ultraviolet) light source for killing the microbes, wherein the second multi-stage air filter system is for filtering out contaminated air through the first-fourth filter, the fifth-second filter and the sixth-third-filter, in order to prevent the contaminated air from being exhausted out of the enclosure.

Claim 2(Currently Amended). The enclosure of claim 2_1, wherein the frame includes:

two bendable poles arranged in a cross-configuration to one another, wherein the poles are fit within sleeve portions on the sheet material.

Claim 3(Previously Presented). The enclosure of claim 2, wherein each of the poles includes: telescoping rods.

Claim 4(Canceled).

Claim 5(Previously Presented). The enclosure of claim 1, wherein the sheet material includes:

a dome shaped walls attached to a floor portion, which forms a sealed enclosure.

Claims 6-7(Canceled).

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Claim 8(Previously Presented). The enclosure of claim 1, further comprising:
a release valve attached to the enclosure for venting excess air pressure from the
enclosure.

Claim 9(Previously Presented). The enclosure of claim 1, wherein the second filter
further includes:
a filter that filters out the radioactive sized particles of at least approximately 0.3
microns in size.

Claim 10(Original). The enclosure of claim 1, further comprising:
an assembled size of at least approximately six feet by approximately nine feet
wide by approximately seven feet high in order to hold at least two occupants.

Claim 11(Original). The enclosure of claim 1, further comprising:
a watertight and airtight zipper fastener along an opening on at least one outer
wall of the enclosure, the zipper for opening and sealing the enclosure.

Claims 12-19(Cancelled).

Claim 20(Canceled).

Claim 21(Currently Amended). The enclosure of claim 1, further comprising: a fourth
an additional filter that is electrostatically charged for filtering out additional particles
from entering the enclosure.

Claim 22(Canceled).

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Claim 23(Currently Amended). A tent The enclosure for protection of inhabitants inside of the tent enclosure against biological and chemical airborne agents and nuclear fallout, and for filtering out contaminated air to outside the structure, comprising:

a collapsible frame;

a flexible and foldable sheet material having walls and a floor that is supported by the frame, the sheet material being impervious to biological and chemical airborne agents, wherein the frame and sheet material form the enclosure having dimensions large enough to protect and seal occupants from the biological and chemical airborne agents and nuclear fallout;

a first multi-stage air filter system directly connected to the enclosure that includes:

a blower for blowing air into the enclosure and for providing positive pressure inside the enclosure;

a first filter for absorbing substantially all odors entering the enclosure;
a second filter for capturing substantially all radioactive sized particles from entering the enclosure; and

a third filter for killing microbes from entering the enclosure, wherein the multi-stage air filter system cleans contaminated air from entering into the enclosure;

a fourth filter that is electrostatically charged for filtering out additional particles from entering the enclosure and

a second multi-stage air filter system directly connected to the enclosure that includes:

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of claim 21, wherein the multi-stage air filter system further includes:
an output exhaust blower for forming a negative pressure inside the
enclosure, and for filtering out contaminated air;
a fifth filter for absorbing substantially all odors exiting the enclosure;
a sixth filter for capturing substantially all radioactive sized particles from
exiting the enclosure; and
a seventh filter for killing microbes from exiting the enclosure;
an eighth filter that is electrostatically charged for filtering out additional
particles from exiting the enclosure, wherein the second multi-stage air filter
system is for filtering out contaminated air through the first fifth filter, the
sixth second filter and the seventh third filter and eighth filter, in order to prevent
the contaminated air from being exhausted out of the enclosure.

Claims 24-30(Canceled).